

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NWID File ☒

Entered On SR Sheet ☐

Location Map Filled ☐

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief R.L.S.

Copy NWID to Field Office ☐

Approval Letter ☒

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed 1-26-61

OW _____ WW _____ TA ☒

GW _____ OS _____ PA _____

Location Inspected ☐

Land released
State or Fee Land ☐

LOGS FILED

Driller's Log 315-61

Electric Logs (No. 1) 3

E ☐

I ☐

EI ☒

GR ☒

GR-N ☐

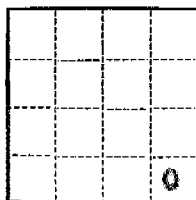
Micro ☐

Lat. _____

M-L ☒

Sonic ☒

Others ☐



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Utah
Lease No. U-0780
Unit Rock House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Perfs & Fracs	XX

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 10, 1960

Well No. 2 is located 925 ft. from N line and 554 ft. from E line of sec. 15
SE/4 15 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah
(Field) (County or Subdivision) (State or Territory)

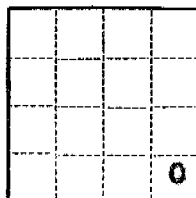
The elevation of the derrick floor above sea level is 5964 Gr 6037 ft. (MD)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Perf 5552-72 and 5476-89 w/4 1/2" bullets per ft. Straddled perfs 5476-89. Opened below the packer. Treated perf 5552-72 w/10,000 gal. gelled diesel & 9,000# 20-40 mesh sd and 200# crushed walnut shells. Opened between packers and treated perfs 5476-89 w/9,150 gal. gelled diesel & 10,000# sd. Opened well & flowed back 2800# of sd/3 hrs. and well died. Closed Lyons tool and opened below packers. Swb. @ 2500' - rec. wtr. w/all show of gas. Opened between packers; swb. @ 3500' - est. @ 100 MCF; dec to TSTM. Set Baker cast iron BP @ 5455'.
Perf 5392-5413 w/2 1/2" bullets per ft. Treated w/40 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 6,000# 20-40 sd, 200# walnut shells; flushed w/40 bbls. diesel. Swb. & rec wtr. w/show of gas. Set Baker BP @ 5050'.
Perf 4970-5008 w/2 1/2" bullets per ft. Treated w/40 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 6,000# 20-40 sd, 200# walnut shells. Flushed w/40 bbls. diesel. Swb. 20 bbls. 95% wtr. in 1 hr w/show of gas. Set Baker BP @ 4900'.
Perf 4744-54. Treated w/175 bbls. diesel pre-flush, 15,000 gal. gelled diesel, 11,000# 20-40 sd, 200# walnut shells; flushed w/200 bbls. diesel. Swb. & rec wtr w/all show of gas.

Company THE SHAMROCK OIL & GAS CORPORATIONAddress 1192 First Security Building
Salt Lake City, UtahBy Ralph Thomas
Title District Geologist



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0770
Unit Rock House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of Perfs & Fracs</u>	<u>XX</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 10, 1960

Well No. 2 is located 925 ft. from N line and 554 ft. from E line of sec. 15
SE/4 15 11 E 23 E S.1.4.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5964 ft. Gr.
~~6067~~ ~~(M)~~

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Perf 5552-72 and 5476-89 w/1 1/2" bullets per ft. Stranded perfs 5476-89. Opened below the packer. Treated perf 5552-72 w/10,000 gal. gelled diesel & 9,000 20-40 mesh sd and 200% crushed walnut shells. Opened between packers and treated perfs 5476-89 w/9,150 gal. gelled diesel & 10,000% sd. Opened well & flowed back 2200% of sd/3 hrs. and well died. Closed Lyons tool and opened below packers. Sub. @ 3500' - rec. wtr. w/all show of gas. Opened between packers; sub. @ 3500' - est. 25 100 MCP, dec to TSTM. Set Baker cast iron BP @ 5455'.
 Perf 5392-5413 w/2 1/2" bullets per ft. Treated w/40 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 6,000% 20-40 sd, 200% walnut shells; flushed w/40 bbls. diesel. Sub. & rec. wtr. w/show of gas. Set Baker BP @ 5050'.
 Perf 4970-5008 w/2 1/2" bullets per ft. Treated w/40 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 5400% 20-40 sd, 200% walnut shells. Flushed w/40 bbls. diesel. Sub. 20 bbls. 95% wtr. in 1 hr w/show of gas. Set Baker BP @ 4900'.
 Perf 4744-54. Treated w/175 bbls. diesel pre-flush, 15,000 gal. gelled diesel, 11,000% 20-40 sd, 200% walnut shells; flushed w/200 bbls. diesel. Sub. & rec. wtr w/all show of gas.

Company THE SHANGHAI OIL & GAS CORPORATION

Address 1192 First Security Building
Salt Lake City, Utah

By Ralph Thomas

Title District Geologist

THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah
October 24, 1960

Reply to:
Rocky Mountain Exploration District
First Security Bldg. Room 1192
Salt Lake City 11, Utah

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. C. B. Feight

Gentlemen:

The Shamrock Oil and Gas Corporation wishes to apply for an exception of Rule C-3a regarding the spacing of the location of the Rock House Unit #2 well. The proposed location is 925 feet north of the south line and 554 feet west of the east line of Section 15, Township 11 South, Range 23 East, SLM, Uintah County, Utah.

Due to the topography characteristic of this area, selection of drill sites is restricted to the drainage of the area. In order to comply with Rule C-3a, it would be necessary to locate the drill site in a narrow canyon or on top of the mesa. This would require a considerable amount of road work.

We respectfully request that we be permitted to drill the subject test in the afore mentioned unorthodox location under Rule C-3c.

Sincerely,


Leonard S. Fowler

LSF:jw

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0780
Unit Rock House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 24, 19 60

Well No. 2 is located 925 ft. from N line and 354 ft. from E line of sec. 15

SE 15
(¼ Sec. and Sec. No.)

11 S
(Twp.)

23 E
(Range)

SLM
(Meridian)

(Field)

Utah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5964 ft. (Ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tops:

Utah Surface
Green River 780
Wasatch 3300
Mesa Verde 5165
Est. T. D. 6500

Casing Program:

13 3/8" - 36# casing set @ 200'
Cement to circulate
5 1/2" - 11-15.5# casing set
thru all potential gas
producing zones.

To test potential gas sands in the Green River, Wasatch and Mesa Verde formations.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

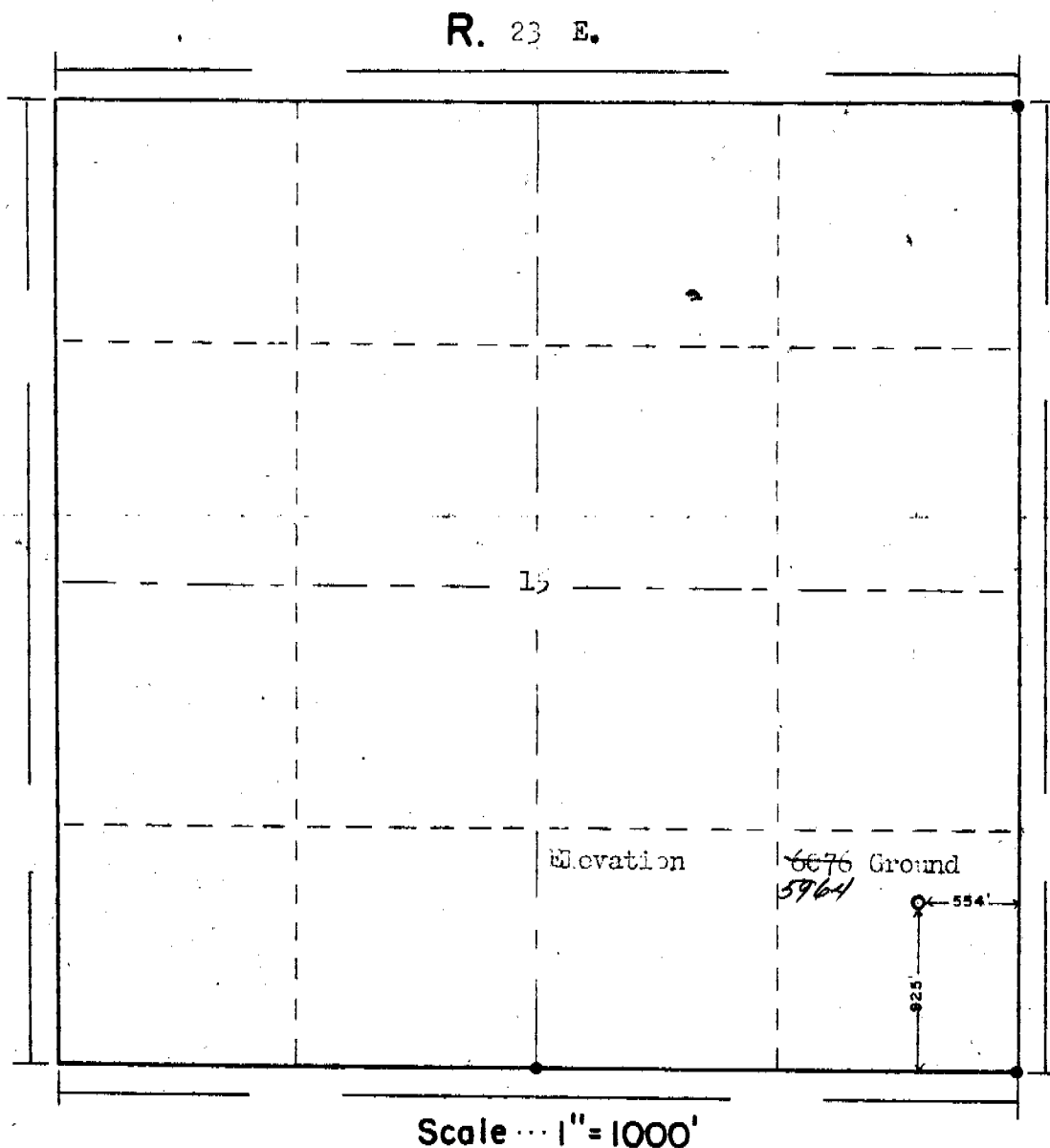
Company Shamrock Oil & Gas Corporation

Address 1192 First Security Building

Salt Lake City, Utah

By

Title District Geologist



Powers Elevation Company of Denver, Colorado
has in accordance with a request from Mr. Ralph Thomas
for The Shamrock Oil & Gas Corporation determined the
Location of #2 Rockhouse Unit
to be 925' FS & 554' FE Section 15 Township 11 South
Range 23 East 6th Principal Meridian
Utah County, Utah

The above Plat shows the location of the well site
in said section.

Powers Elevation Company

by:

Date: 9-3-60

Registered Land Surveyor

October 24, 1960

Shamrock Oil & Gas Corporation
1192 First Security Building
Salt Lake City, Utah

Attention: Ralph Thomas, Dist. Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Rock House Unit #2, which is to be located 925 feet from the south line and 554 feet from the east line of Section 15, Township 11 South, Range 23 East, SLM, Uintah County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted under Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Under Rule A-3, the approval of this Commission is not necessary when an unexecuted copy of the unit agreement is on file with this office. In such a case, it is only necessary to file copies of all notices of intention and subsequent reports that are filed with the United States Geological Survey.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER U-0780
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Rock House

The following is a correct report of operations and production (including drilling and producing wells) for the month of Nov. 22 - Dec. 6, 19 60

Agent's address 1192 First Security Building Company The Shamrock Oil & Gas Corp.

Salt Lake City 11, Utah

Signed Ralph Thomas

Phone DA 8-0165 Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 15 SE SE	11 S	23E	2	—						
11-23-60										Spudded at 5:00 P.M. 11-22-60. Drilled 11" hole to 250'. Straight hole test at 250' showed hole 1/4" off vertical.
11-24-60										Reamed to 17 1/2" in size to 234'. Ran 7 joints of 13 3/8" OD 48# seamless casing. Set casing at 234'. Cemented with 250 ax poamix cement with 2% calcium chloride. Cement circulated.
11-25-60										Drilled 8 3/4" hole at 500'
11-26-60										Drilling at 1340'
11-27-60										Drilling at 2200'. Straight hole test at 1800' showed hole 2 1/4" off vertical.
11-28-60										Drilling at 2558'. Straight hole test at 2200' showed hole 1 3/4" off vertical.
11-29-60										Drilling at 3040'. Straight hole test at 2750' showed hole 2 1/4" off vertical. Mudded up at 2700'. Mud weight 8.9#, viscosity 35 seconds, water loss 7 cc filter cake 1/32
11-30-60										Drilling at 3130'
12-1-60										Drilling at 3632'
12-2-60										Drilling at 4160'
12-3-60										Drilling at 4437'
12-4-60										Drilling at 4642'
12-5-60										Drilling at 4780'. Had a gas show from 4743-60.
12-6-60										Drilling at 4854'

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. 11-0780

Unit Rock House

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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		<u>Subsequent Report of Casing Program</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 7, 1960

Well No. 2 is located 925 ft. from N line and 554 ft. from E line of sec. 15

SE/4 15
(1/4 Sec. and Sec. No.)

11 S
(Twp.)

23 E
(Range)

31M
(Meridian)

(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5,964 ft. Gr.
6087 ft. (KB)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Run 7 joints of 13 3/8" OD 48% seamless casing. Set casing at 234'.
Cemented w/250 sx pozmix cement with 2% calcium chloride added. Pumped
plug to 220' @ 12:20 A.M. cement circulated.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

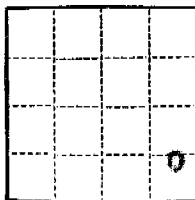
Company The Shamrock Oil and Gas Corporation

Address 1192 First Security Bank Bldg.

Salt Lake City, Utah

By L. L. Thomas

Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **U-0780**
Unit **Rock House**

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Casing Program	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 7, 1960

Well No. **2** is located **925** ft. from **N** line and **554** ft. from **E** line of sec. **15**
3E/4 15 **11 S** **23 E** **31N**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5964** ft. **GV**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Run 7 joints of 13 3/8" OD 40% seamless casing. Set casing at 234'.
Cemented w/250 sx pozmix cement with 2% calcium chloride added. Pumped
plug to 220' @ 12:20 A.M. cement circulated.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Shamrock Oil and Gas Corporation**
 Address **1192 First Security Bank Bldg.**
Salt Lake City, Utah
 By **Ralph Hansen**
 Title **District Geologist**

A blank 10x10 grid with a small circle in the bottom right corner.

U. S. LAND OFFICE Utah
SERIAL NUMBER U-0780
LEASE OR PERMIT Rock House Unit TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Shamrock Oil & Gas Corp. Address 1192 First Security Bk. Bldg. - S.I.C.
Lessor or Tract Rock House Field _____ State Utah
Well No. 2 Sec. 15 T. 11S R. 23E Meridian Salt Lake County Uintah
Location 925 ft. N of S Line and 554 ft. E of E Line of Sec. 15 Elevation 5964 6
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed: James H. Sawyer

Date March 14, 1961 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling ----- November 22 -----, 1960 Finished drilling ----- December 21 -----, 1960

OIL OR GAS SANDS OR ZONES.

(Denote gas by G)

No. 1, from 4742 to 4760 (G) ----- No. 4, from 5474 to 5492 (G) -----
No. 2, from 4964 to 5014 (G) ----- No. 5, from 5548 to 5590 -----
No. 3, from 5389 to 5415 (G) ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From —	To —	
13 3/8"				234			5552	5572	Gas Prod.
7"				5740			5476	5489	"
							5392	5413	"
							4970	5008	"
							4744	4754	"
							4963	4989	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	234	250			
7"	5740	700			

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

						5392	5413	"
						4970	5008	"
						4744	4754	"
						4963	4989	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	234	250			
7"	5740	700			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 6476 _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	800	800	Sand
800	1290	490	Dolomite
1290	1430	140	Dolomite and ls.
1430	1500	70	Sand
1500	1800	300	Sand and ls.
1800	2730	930	Sand and shale
2730	2820	90	Dolomite
2820	2900	80	ls.
2900	3130	230	Sand and shale
3130	3300	170	ls. and shale
3300	3600	300	Shale and some sand
3600	3800	200	Sand
3800	6476	2676	Sand and shale

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Well was commenced on November 22, 1960.

Csg: 13 3/8" @ 234 w/250 sacks

7" @ 5740 w/700 sacks

Drilled to total depth of 6467'

Perf. 5552-72 w/4 bullets per foot; frac w/10,000 gal. gelled diesel, 9000# 20-40 sd, 200# 8-12 walnut hulls. FBDP 3600#, treating pressure 4800-5200#, 1/2-1#/gal, injection rate 10 BPM. Swb. & flowed 25 bbls. fuel per hour, 75% wtr., plus show of gas.

Perf. 5476-89 w/4 bullets per foot; frac w/9,150 gal. gelled diesel, 10,000# sd, (screened out w/7200# in fm.) flowed back 2800# sand in 3 hours. Swb. & flowed diesel (no water) plus est. 100 MCF.

Bridge plug @ 5455'

Perf. 5392-5413 w/2 bullets per foot; frac w/10,000 gal. gelled diesel, 6000# sd, 200# walnut hulls, FBDP 2900#, treating pressure 4800-5200#. Swb. & flowed 50% water plus show of gas.

Bridge plug @ 5050'

Perf. 4970-5008 w/2 bullets per foot; frac w/10,000 gal. gelled diesel, 6400# sd, 200# walnut hulls, FBDP 4200#, treating pressure 4600-4800#. Swb. and flowed diesel, water plus show of gas. This zone finally flowed 15 BWPH.

Bridge plug @ 4900'.

Perf. 4744-54 w/4 jets per foot; annulus frac w/15,000 gal. gelled diesel, 11,000# sand, 200# walnut hulls, FBDP 2200#, treating pressure 3000#, injection rate 23 BPM. Swb. & flowed 40 bbls. diesel plus 10 bbls. water plus est. 500 MCF.

Squeezed perf. 4744-54 w/185 sacks in two stages.

Pushed bridge plug from 4900' to 5030'; ran Schlumberger Bond Log.

Squeezed perf. 4970-5008 w/142 sacks: ran Schlumberger Bond Log.

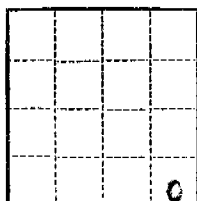
Perf. 4963-89, frac w/10,000 gal. gelled diesel, 7400# sand, 200# walnut hulls, FBDP 4150#, treating pressure 4600-4900#, 1/2-1#/gal, injection rate 8.6 BPM. Flowed 75% water, no show gas.

Well was shut in and temporarily abandoned on January 26, 1961.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0780
Unit Rock House



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
<u>Notice of Intention to Run Casing</u> <u>XX</u>			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... December 22, 19 60

Well No. 2 is located 925 ft. from N line and 554 ft. from E line of sec. 15

SE 1/4 15 11 S 23 E 31 N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Field Well Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5964 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well was drilled to a total depth of 6467 ft.

TOPS BY ELECTRIC LOGS
Green River 818
Wasatch 3284
Mesaverde 5068

Request permission to run 7" csg. to 5740 feet.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

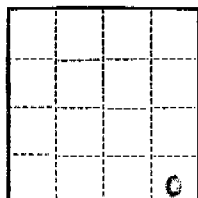
Company THE SHAMROCK OIL & GAS CORPORATION

Address 1192 First Security Building

Salt Lake City, Utah

By Leonard A. Fowler

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0780
Unit Rock House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of Intention to Run Casing	XX		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 22, 1960

Well No. 2 is located 925 ft. from IN line and 554 ft. from W line of sec. 15

SE/4 15
(1/4 Sec. and Sec. No.)

11 S
(Twp.)

23 E
(Range)

31N
(Meridian)

Field Well
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5964 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Well was drilled to a total depth of 6467 ft.

WELL LOG	
Green River	318
Wasatch	3284
Mesa Verde	5068

Request permission to run 7" csg. to 5740 feet.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SHAMROCK OIL & GAS CORPORATION

Address 1192 First Security Building

Salt Lake City, Utah

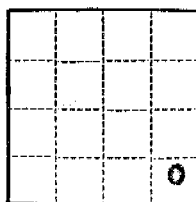
By Leonard S. Fowler

Title Geologist

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0780
Unit Rock House



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Subsequent Report of Running Casing</u>	<input checked="" type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 23, 1960

Well No. 2 is located 925 ft. from N line and 554 ft. from E line of sec. 15
SE/4 15 11 S 23 E SLM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Field well Uintah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6007 ⁵⁹⁶⁴ ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

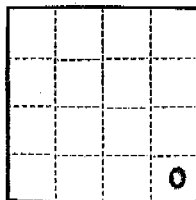
Ran 1707.51 feet of J-55 23# 7" csg.
 Ran 4032.97 feet of J-55 20# 7" csg.
 Total of 5740.48 feet of 7" csg.
 Set csg. @ 5737 feet.
 Ran Baker float collar and guide shoe.
 Cemented by Halliburton w/700 ex. 50-50 poamix containing 15# gilsonite per sack and 4% gel.
 Pumped plug to float @ 5705.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SHAMROCK OIL & GAS CORPORATION

Address 1192 First Security Building
Salt Lake City, Utah

By Leonard S. Fowler
 Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Utah
Lease No. U-0780
Unit Rock House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Subsequent Report of Running Casing</u>	<u>XX</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 23, 1960.

Well No. 2 is located 925 ft. from [X] line and 554 ft. from [E] line of sec. 15

<u>SE/4</u>	<u>15</u>	<u>11 S</u>	<u>23 E</u>	<u>SLM</u>
($\frac{1}{4}$ Sec. and Sec. No.)		(Twp.)	(Range)	(Meridian)
<u>Field Well</u>		<u>Uintah</u>		<u>Utah</u>
(Field)		(County or Subdivision)		(State or Territory)

The elevation of the derrick floor above sea level is 5964 Gr.
6087 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 1707.51 feet of J-55 23# 7" csg.

Ran 4032.97 feet of J-55 20# 7" csg.

Total of 5740.48 feet of 7" csg.

Set csg. @ 5737 feet.

Ran Baker float collar and guide shoe.

Cemented by Halliburton w/700 ex. 50-50 poe mix containing 15# gilsonite per sack and 4% gel.

Pumped plug to float @ 5705.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SHAMROCK OIL & GAS CORPORATIONAddress 1192 First Security Building
Salt Lake City, UtahBy Leonard S. FowlerTitle Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLAND OFFICE Utah
LEASE NUMBER U-0780
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Rock HouseThe following is a correct report of operations and production (including drilling and producing wells) for the month of Dec. 7 - Jan. 8, 1960-61Agent's address 1192 First Security Building Company The Shamrock Oil & Gas Corp.Salt Lake City, UtahSigned Ralph ThomasPhone DA 8-0165Agent's title Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 15 SE ¼	11S	23E	2							
12-7-60	Drilling @ 5046'									
12-21-60	Drilled to TD 6467'									
12-23-60	Ran 54 joints (1707.51 feet) 7" J-55 23# casing. Ran 130 joints (4032.97 feet) 7" J-55 20# casing. Total casing 5740.48 feet. Set casing @ 5737'; ran Baker float collar and guide shoe; cemented by Halliburton w/700 sz 50-50 pozmix w/15# gilsonite per sack and 4.5 gal. Pumped plug to float @ 5705'									
12-27-60	Ran correlation logs; McCullough correlation TD 5702'; top of cement 4015' Perf 5552-72 and 5476-89 by Schlumberger measurements w/4 1/2" bullets per ft. Ran Lyons straddle packer on 2 1/2" tbg. Displaced mud w/diesel. Prep to frac.									
12-28-60	Straddled perfs 5476-89. Opened below the packer. Treated perfs 5552-72 w/10,000 gal. gelled diesel & 9,000# 20-40 mesh sd. plus 200# of 8-12 mesh crushed walnut shells. Formation breakdown pressure 3600#. Started injecting @ 1/2# per gal., increased to 1# per gal. Treating pressure 4800#, increased to 5200# @ inj. rate 10 bbls. per minute. Opened between packers and treated perfs 5476-89 w/9,150 gal. gelled diesel and 10,000# sd. Sl. screened out w/7200# in formation. Opened well and flowed back 2800# of sd in 3 hrs. and well died. Closed Lyons tool and opened below packers; flowed 1 1/2 hours and died. Swabbing @ 2500'									
12-29-60	Swb. 25 bbls fluid per hour, 75% wtr and show of gas. Opened between packers. Swb. @ 3500'. Est. gg 100 MCF; decreased to TSTM. Shut well in 3 hours - pressured 900#. Op. well and unloaded tbg; blow down to TSTM. Shut well in for 1 1/2 hrs - pressured 350#. Op. well and it blew down immediately. Swabbed to TD; no fluid, gas TSTM.									
12-30-60	Pumped mud into tubing and was unable to pump thru Lyons pkr. Loaded hole w/Invermul mud. Pulled pkr. Found sd & sh just above pkr. Set Baker cast iron BP @ 5455. Perf 5392-5413 w/2 1/2" bullets per ft. Ran Halliburton RTTS pkr to 5351.									
12-31-60	Treated perfs 5392-5413 w/40 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 6,000# 20-40 sd, 200# walnut shells; flushed w/40 bbls. diesel. Formation broke @ 2900#. Treated @ 4800-5200#. Swb. 47 bbls. in 3 hrs. Rec. 50% wtr. in last swb. Well shut down till 7:00 AM. Started swbing @ 7:30. Swb. est. 25 bbls wtr									

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LESSEE'S MONTHLY REPORT OF OPERATIONS (CONTINUED)
Page 2

in 1½ hrs. w/show of gas ahead of swb. Last swb. wtr. filling up in tubing @ rate of 10 bbl. per hr. Swb. till 12 noon. Unseated pkr; conditioned mud 8 hrs., raised weight to 9.2#/gal. Pulled tbg. Set Baker bridge plug @ 5050'. Perf 4970-5008 w/2 1/2" bullets per foot.

- 1-2-61: Ran tubing - set Halliburton pkr. @ 4952'. Treated perf 4970-5008 w/40 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 6400# 20-40 sd, 200# walnut shells. Flushed w/40 bbls. diesel. Formation broke @ 4200#; treated 4600-4800#. Opened well and flowed 32 bbls. diesel in 1 hr. Made 10 bbls. 50% wtr in 1/2 hr. Swb. 20 bbls. in 1 hr. 95% wtr. w/show of gas ahead of swb; last swb. from 2500'. Well started flowing wtr. w/slight flow of gas. Making 15 bbl. wtr. per hr. Unseated pkr; reversed out wtr. w/Invermul mud. Laid down tubing. Set Baker bridge plug @ 4900'
- 1-3-61: Ran 2 3/8" tubing to 4774'. Displaced mud w/diesel. Raised and set tubing @ 4714'. Perf 4744-54.
- 1-4-61: Treated perf 4744-54 w/175 bbls. diesel pre-flush, 15,000 gal. gelled diesel, 11,000# 20-40 sd, 200# walnut shells; flushed w/200 bbls. diesel; Treated @ 3,000# @ 23 BPM. Opened well and flowed 72 bbls. diesel in 3 hrs. Well died. Swb & flowed 28 bbls. diesel in 1½ hrs plus show of gas. SI & died immediately.
- 1-5-61: Swb. @ 7:30 AM, fluid 300' off surface; 2 swbs from 3000'; well kicked off. flowed est. 40 bbls/hr. by heads. Csg. on vacuum. Swb. till 5:00 PM & SI well. At 11:30 PM TP 500#, CP 500#; At 8:00 AM TP 875#, CP 775#. Opened well @ 8:00 AM. Well unloaded 40 bbls. diesel and 10 barrels wtr. Initial flow estimated as 500 MCF per day; decreased in volume every minute and made a spray of wtr. Blew down to 30 MCF per day. Shut well in.
- 1-6-61: 19-hour shut in pressure 750# on casing and 825# on tubing. Opened tbg. to air and well blew down in 10 minutes and failed to unload. CP remained @ 750# during this blowing period. Shut well in.
- 1-7-61: TP 500#, CP 1100#; opened well and well blew down immediately. CP remained 1100#. Shut well in.
- 1-8-61: Connected gas from the #1 well to the casing on the #2 well, pressured to 1400#, failed to unload tubing. Pressured well over night. At 8:00 AM, CP 1700#, TP 1500#. Opened tbg and unloaded 40 barrels of fluid, 90% wtr., 10% diesel. Well blew down and died in 2 hours. Well shut in.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLAND OFFICE Utah
LEASE NUMBER U-0780
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Rock HouseThe following is a correct report of operations and production (including drilling and producing wells) for the month of Jan. 9 - 31, 1961,Agent's address 1192 First Security Building Company THE SHAMROCK OIL & GAS CORP.Salt Lake City, UtahSigned Ralph J. JonesPhone DA 8-0165Agent's title Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 15 SE SE	11S	23E	2							
1-15-61	Rigged up rotary starting @ 8 A.M. Opened well @ 10 A.M. Unloaded an est. 30 bbls. wtr & died in 1 hour, CP 300#. To squeeze perfs 4744-4754.									
1-17-61	Loaded hole w/Invermul mud. Circulated gas out of mud. Nipped up below blow out preventers. Pulled 2 3/8" tbg. Ran Baker full bore cementer to 4716. Pumped into formation @ 2000#. Pumped 100 sx. cement @ 2800#. Failed to squeeze. Cleared perforations and packer with 5 bbls. of wtr.									
1-18-61	Pumped into formation @ 2500#. Sqz. 100 sx. w/gradual increase in pressure to 4200# w/85 sx. in formation. Held 4200# for 5 min. Released and re-pressured to 4000#. Held OK. Reversed out 15 sx. Started drilling out cement.									
1-19-61	Pressured casing to 3000# for 10 min. Started milling on bridging plug @ 4900' @ 4:30 P.M. w/McCullough Clustrite milling basket to 10:30 P.M. Pulled basket; re-ran milling shoe.									
1-20-61	Made trip for new clustrite mill. Milled. Tripped mill. Changed blow out preventer rams to 2 1/2". Picked up 6 1/8" bit and 5-4 1/2" drill collars.									
1-21-61	On bottom w/bit @ 9:00 A.M. Started moving bridge plug down the hole. Well started flowing 1" stream of mud. Moved bridge plug to 5040'. Pulled tubing and ran Schlumberger Bond Log from 3500-5030. Log showed cement bond from 4734-54 and 4758-75. Ran Baker full bore cementer. Set packer @ 4945'. Mixed 150 sacks of pozmix cement. Squeezed @ 4000# pressure w/142 sacks in formation. Reversed out 8 sacks. (Zone squeezed 4970-5008).									
1-22-61	Pulled tubing and went in hole w/bit. Found cement @ 4945'. Started drilling cement.									
1-23-61	Drilled out cement to 5030'. Circulated 2 hours. Pulled tubing and pressured casing to 3,000# and held 15 minutes. Started running Schlumberger bond log.									

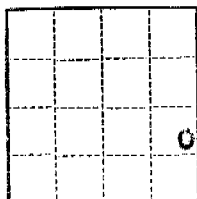
NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LESSEE'S MONTHLY REPORT OF OPERATIONS (CONT'D)

- 1-24-61 Completed running bond log. Bond log indicates casing free above 2800'. Perf. 5963-87, 2 jets per foot, by McCollough log measurements. Ran Baker full bore cementer on 2" tubing. Displaced mud across perfs. Set packer @ 4910'. Broke formation w/diesel @ 4150#. Treated w/30 bbls. pre-flush diesel, 10,000 gal. gelled diesel, 7400# 20-40 mesh sand and 200# walnut shells. Flushed w/30 bbls. diesel. Started sand in @ 1/2# per gal; gradually increased to 1# per gal. Treated @ 4600-4900# pressure. Injection rate 8.6 bbls. per minute. Pressure dropped to 2800# immediately after frac job declined to 2200# in 30 minutes. Opened well 30 minutes after frac job. Flowed 35 bbls. of diesel in 1 3/4 hours. Flowed 55 bbls. of fluid, 75% wtr, in 13 hours. No show of gas. Flowed 11 bbls. of fluid in 4 hours.
- 1-25-61 Started swabbing; recovered 45 bbls fluid, which was 95% water. Had a slight show of gas ahead of swab. Unseated packer. Displaced water from tubing. Laid down 2 7/8" OD tubing and drill collars. Ran 2 3/8" OD tubing and installed National well head. Displaced Invermul mud w/water. To store mud in tank on location.
- Well shut in and temporarily abandoned on 1-25-61.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office U-0780
Lease No. Rock House
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 2 is located 725 ft. from 23 ^[N]_[S] line and 534 ft. from 15 ^[E]_[W] line of sec. 61
11 ^[N]_[S] S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian) (State or Territory)
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5964 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)
Request permission to perforate & test the following zones: 474-54; 4970-5008; 5392-5413, 5476-59; 5552-72

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company 1192 First Security Building

Address Salt Lake City, Utah

By District Geologist
Title _____

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Rock House

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1961.

Agent's address 1192 First Security Bank Bldg.
Salt Lake City, Utah

Company The Shamrock Oil & Gas Corp.
Signed [Signature]

Phone DA 8-0165 Signed Richard J. Thomas
Agent's title Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 15 SE SE	11S	23E	2							Well was shut in and temporarily abandoned on January 25, 1961.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.6.
Approval expires 12-31-60.

LAND OFFICE Utah
LEASE NUMBER _____
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Rock House

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.

Salt Lake City 11, Utah Signed Ralph Thomas

Phone 328-0165 Agent's title District Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 10 SE SE	11S	23E	1	32 32	(Lease No. U-0779) 16.41 0	TW KMV	6,168,000 4,928,000			
Sec. 15 SE SE	11S	23E	2		(Lease No. U-0780)		Well was shut in and temporarily abandoned on January 25, 1961			
Sec. 11 NW SE	11S	23E	3	32 32	(Lease No. U-0778) 0 47.98	TW KMV	5,977,000 9,215,000			
Sec. 9 SE NW	11S	23E	4	32	(Lease No. U-0779) 14.56		27,050,000			
Sec. 13 SE SW SE	11S	23E	5		(Lease No. U-0779)		Junked and abandoned July 14, 1961.			
Sec. 13 SE SW SE	11S	23E	5-A	23	(Lease No. U-0779) 15.00		6,699,000			
Sec. 16 SW NE	11S	23E	6	0	(Lease No. ML-3221) 0		1,688,000			
Sec. 4 NW SW	11S	23E	7	30	(Lease No. U-0778) 0		2,501,000			
Sec. 23 SE NE	11S	23E	8		(Lease No. U-0780) 54.10		23,195,000			
Sec. 14 SE NW	11S	23E	9		(Lease No. U-0779)		Well shut in awaiting pipeline outlet.			
Sec. 22 SE NE	11S	23E	10		(Lease No. U-0781)		Dry and abandoned April 23, 1962			

NOTE.—There were 1 (381.98 barrels) runs or sales of oil; 87,421 M cu. ft. of gas s

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be file duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0780

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Rock House Unit

8. FARM OR LEASE NAME

Rock House

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Rock House

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 15, T11S, R23E (SLM)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

Temp. Abnd

2. NAME OF OPERATOR

The Shamrock Oil and Gas Corporation

3. ADDRESS OF OPERATOR

Box 631, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface 925' N of SL, 554' W of EL of Section 15 (SE SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5964 GL

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Load hole w/45 viscosity mud

Spot 20 sx across perfs 4970 - 5008

Set 50 sx across stub of 7" casing (approx. 3800')

Set 40 sx at top of Green River formation (approx. 800')

Set 50 sx at base of surface pipe (13-3/8" set at 222')

Set 10 sx at surface

Total Depth - 6476

Verbal approval to Joe Rowell by Rod Smith on 9-26-66.

18. I hereby certify that the foregoing is true and correct

SIGNED

Burke Isbell

TITLE

Geologist

DATE

9-29-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

9/30/66

781-12-11
Hand

Hamrock Oil & Gas Co.
Ranch # 2
Sec. 15, T 11 S., R. 23 E.
Utah County, Utah
Elevation not below 6000 ft

(:) decr to leave in hole

DR TO 5030 -

29.4 - 4463 - 89
into core

mul. for mud severity = 50
9th

✓ didn't have top of Cement @ 4015

100 ft of Cement = at surface/marker

3647109

Can't get ahead of Rod &
Sensors - I gave approval to
plug tomorrow Morning P/B

Called and George might require a
plug (prepared & squeezed in 7" casing) to seal
and oil shale - Rod called Sunday
and stated they were going to squeeze 150 sh
of cement down annular from the surface.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE MANNER INDICATED*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0780

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER ☐ Temp. Abnd

2. NAME OF OPERATOR

The Shamrock Oil and Gas Corporation

3. ADDRESS OF OPERATOR

Box 631, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface
925' N of SL, 554' W of EL of Section 15 (SE SE)

7. UNIT AGREEMENT NAME

Rock House Unit

8. FARM OR LEASE NAME

Rock House

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Rock House

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 15, T11S, R23E (SLM)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5964 (GL)

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☒

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Loaded hole with 200 barrels drilling mud
Set 20 sx cement from 4923-5030 (across perfs 4963-89)
Unable to pull 7" casing
Set 20 sx cement from 107' to surface
Squeezed 100 sx between 13-3/8" and 7" casing
RTD 64%

Plugged and Abandoned 10-1-66

18. I hereby certify that the foregoing is true and correct

SIGNED Burke Ischell

TITLE Geologist

DATE 10-7-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: